Field Name	Field Description	Values	Values Descriptions	Field Type	Field Width	Field Precision
Crash_Key	Crash Key - SAVER Internal Unique Identifier		4 digit year + arbitrarily assigned unique number (e.g., 2001000025)	Numeric: Integer	10	0
CaseNumber	Case Number - Iowa DOT		4 digit year + number assigned by MVD (e.g., 2001002534)	Numeric: Integer	10	0
UnitKey	Combined Crash_Key and V3UnitNum		Crash_Key*1000+UnitNum	Numeric: Integer	13	0
DriverAge	Driver Age		Age of driver derived from Date of Birth and Crash Date.	Numeric: Integer	3	0
DriverGen	Driver Gender			Character	2	0
		M	Male			
		F	Female			
		U	Unknown			
		NR	Not reported.			
DL_State	Driver's License State			Character	2	0
		AL	Alabama			
		AK	Alaska			
		AZ	Arizona			
		AR	Arkansas			
		CA	California			
		CO	Colorado			
		CT	Connecticut			
		DE	Delaware			
		FL	Florida			
		GA	Georgia			
		HI	Hawaii			
		ID	Idaho			
		IL	Illinois			
		IN	Indiana			
		IA	Iowa			
		KS	Kansas			
		KY	Kentucky			
		LA	Louisiana			
		ME	Maine			
		MD	Maryland			
		MA	Massachusetts			
		MI	Michigan			
		MN	Minnesota			
		MS	Mississippi			
		MO	Missouri			
		MT	Montana			
		NE	Nebraska			
		NV	Nevada			
		NH	New Hampshire			
		NJ	New Jersey			
		NM	New Mexico			
		NY	New York			
		NC	North Carolina			
		ND	North Dakota			
		OH	Ohio			
		OK	Oklahoma			
		OR	Oregon			
		PA	Pennsylvania			
		RI	Rhode Island			
		SC	South Carolina			
		SD	South Dakota			
		TN	Tennessee			
		TX	Texas			
		UT	Utah			
		VT	Vermont			
		VA	Virginia			
		WA	Washington			
		DC	Washington DC			
		WV	West Virginia			
		WI	Wisconsin			
		WY	Wyoming			
		XX	Not reported.			

				Numeric: Integer	2	0
Charged	Driver Charged?			Numeric: Integer	2	0
		1	Yes			
		2	No			
		3	Not applicable.			
		9	Unknown			
		77	Not reported.			
AlcResult	Alcohol Test Results		Number in decimal format (e.g., 0.10) representing Blood Alcohol Content.	Numeric: Decimal	5	3
DrugResult	Drug Test Results			Numeric: Integer	2	0
		1	Positive			
		2	Negative			
		77	Not reported.			
DriverCond	Driver Condition			Numeric: Integer	2	0
		1	Apparently normal			
		2	Physical impairment			
		3	Emotional (e.g. depressed/angry/disturbed)			
		4	Illness			
		5	Asleep/fainted/fatigued/etc.			
		6	Under the influence of alcohol/drugs/medications			
		8	Other (explain in narrative)			
		9	Unknown			
		77	Not reported.			
VisionObs	Vision Obscurement			Numeric: Integer	2	0
		1	Not obscured			
		2	Trees/crops			
		3	Buildings			
		4	Embankment			
		5	Sign/billboard			
		6	Hillcrest			
		7	Parked vehicles			
		8	Moving vehicles			
		9	Person/object in or on vehicle			
		10	Blinded by sun or headlights			
		11	Frosted windows/windshield			
		12	Blowing snow			
		13	Fog/smoke/dust			
		77	Not reported.			
		88	Other (explain in narrative)			
		99	Unknown			
DContCirc1	Contributing Circumstances 1 - Driver			Numeric: Integer	2	0
		1	Ran traffic signal			
		2	Ran stop sign			
		3	Exceeded authorized speed			
		4	Driving too fast for conditions			
		5	Made improper turn			
		6	Traveling wrong way or on wrong side of road			
		7	Crossed centerline			
		8	Lost Control			
		9	Followed too close			
		10	Swerved to avoid: vehicle/object/non-motorist/or animal in roadway			
		11	Over correcting/over steering			
		12	Operating vehicle in an erratic/reckless/careless/negligent/aggressive manner			
		13	FTYROW: From stop sign			
		14	FTYROW: From yield sign			
		15	FTYROW: Making left turn			
		16	FTYROW: Making right turn on red signal			
		17	FTYROW: From driveway			
		18	FTYROW: From parked position			
		19	FTYROW: To pedestrian			
		20	FTYROW: At uncontrolled intersection			
		21	FTYROW: Other (explain in narrative)			
		22	Inattentive/distracted by: Passenger			
		23	Inattentive/distracted by: Use of phone or other device			
		24	Inattentive/distracted by: Fallen object			
		25	Inattentive/distracted by: Fatigued/asleep			
		26	Other (explain in narrative): Vision obstructed			
		27	Other (explain in narrative): Other improper action			
		28	Other (explain in narrative): No improper action			
		77	Not reported.			
		99	Unknown			

DContCirc2	Contributing Circumstances 2 - Driver		See DContCirc1 values.	Numeric: Integer	2	0
CargoBody	Cargo Body Type			Numeric: Integer	2	0
		1	Not applicable			
		2	Truck Cargo Type: Van/enclosed box			
		3	Truck Cargo Type: Dump truck (grain/gravel)			
		4	Truck Cargo Type: Cargo tank			
		5	Truck Cargo Type: Flatbed			
		6	Truck Cargo Type: Concrete mixer			
		7	Truck Cargo Type: Auto transporter			
		8	Truck Cargo Type: Garbage/refuse			
		9	Truck Cargo Type: Other truck cargo type (explain in narrative)			
		10	Trailer type: Small utility (one axle)			
		11	Trailer type: Large utility (2+ axles)			
		12	Trailer type: Boat			
		13	Trailer type: Camper			
		14	Trailer type: Large mobile home			
		15	Trailer type: Oversize load			
		16	Trailer type: Towed vehicle			
		17	Trailer type: Pole			
		18	Trailer type: Other trailer type (explain in narrative)			
		77	Not reported.			
		99	Unknown			
VYear	Vehicle Year		Vehicle year in YYYY format.	Numeric: Integer	4	0
		7777	Not reported.			
Make	Vehicle Make		(currently undefined)	Character	4	0
Model	Vehicle Model		(currently undefined)	Character	12	0
Style	Vehicle Style		(currently undefined)	Character	12	0
VLP_State	License Plate State			Character	2	0
		AL	Alabama			
		AK	Alaska			
		AZ	Arizona			
		AR	Arkansas			
		CA	California			
		CO	Colorado			
		CT	Connecticut			
		DE	Delaware			
		FL	Florida			
		GA	Georgia			
		HI	Hawaii			
		ID	Idaho			
		IL	Illinois			
		IN	Indiana			
		IA	Iowa			
		KS	Kansas			
		KY	Kentucky			
		LA	Louisiana			
		ME	Maine			
		MD	Maryland			
		MA	Massachusetts			
		MI	Michigan			
		MN	Minnesota			
		MS	Mississippi			
		MO	Missouri			
		MT	Montana			
		NE	Nebraska			
		NV	Nevada			
		NH	New Hampshire			
		NJ	New Jersey			
		NM	New Mexico			
		NY	New York			
		NC	North Carolina			
		ND	North Dakota			
		OH	Ohio			
		OK	Oklahoma			
		OR	Oregon			
		PA	Pennsylvania			
		RI	Rhode Island			
		SC	South Carolina			
		SD	South Dakota			
		TN	Tennessee			
		TX	Texas			
		UT	Utah			
		VT	Vermont			
		VA	Virginia			
		WA	Washington			
		DC	Washington DC			
		WV	West Virginia			
		WI	Wisconsin			
		WY	Wyoming			
		XX	Not reported.			

Occupants	Total Occupants		Occupants in vehicle.	Numeric: Integer	2	0
		777	Not reported.			
Axles	Number of Axles		Number of axles for the commercial vehicle.	Numeric: Integer	2	0
GVWR	Gross Vehicle Weight Rating		Gross vehicle weight rating (GVWR) for the commercial vehicle.	Numeric: Integer	6	0
Placard	Placard #		The placard number for the hazardous materials being transported.	Numeric: Integer	6	0
		777777	Not reported.			
HazMatRel	Hazardous Materials Released?		Indication of release of hazardous materials.	Character	2	0
		1	Yes			
		2	No			
		3	Not applicable			
		9	Unknown			
		77	Not reported.			
CVLPState1	License Plate State (power unit attached)		State the unit attached to the power unit is licensed in.	Character	2	0
		AL	Alabama			
		AK	Alaska			
		AZ	Arizona			
		AR	Arkansas			
		CA	California			
		CO	Colorado			
		CT	Connecticut			
		DE	Delaware			
		FL	Florida			
		GA	Georgia			
		HI	Hawaii			
		ID	Idaho			
		IL	Illinois			
		IN	Indiana			
		IA	Iowa			
		KS	Kansas			
		KY	Kentucky			
		LA	Louisiana			
		ME	Maine			
		MD	Maryland			
		MA	Massachusetts			
		MI	Michigan			
		MN	Minnesota			
		MS	Mississippi			
		MO	Missouri			
		MT	Montana			
		NE	Nebraska			
		NV	Nevada			
		NH	New Hampshire			
		NJ	New Jersey			
		NM	New Mexico			
		NY	New York			
		NC	North Carolina			
		ND	North Dakota			
		OH	Ohio			
		OK	Oklahoma			
		OR	Oregon			
		PA	Pennsylvania			
		RI	Rhode Island			
		SC	South Carolina			
		SD	South Dakota			
		TN	Tennessee			
		TX	Texas			
		UT	Utah			
		VT	Vermont			
		VA	Virginia			
		WA	Washington			
		DC	Washington DC			
		WV	West Virginia			
		WI	Wisconsin			
		WY	Wyoming			
		XX	Not reported.			
CVLPYear1	License Plate Year (power unit attached)		License year for unit attached to the power unit.	Numeric: Integer	4	0
		7777	Not reported.			
CVLPState2	License Plate State (power unit attached)		State the unit attached to a trailer unit is licensed in.	Character	2	0
			(see CVLPState1 definitions)			
CVLPYear2	License Plate Year (power unit attached)		License year for unit attached to a trailer unit.	Numeric: Integer	4	0
		7777	Not reported.			

					Numeric: Integer	2	0
VAction	Vehicle Action				Numeric: Integer	2	0
		1		Movement essentially straight			
		2		Turning left			
		3		Turning right			
		4		Making U-turn			
		5		Overtaking/passing			
		6		Changing lanes			
		7		Entering traffic lane (merging)			
		8		Leaving traffic lane			
		9		Backing			
		10		Slowing/stopping			
		11		Stopped for stop sign/signal			
		12		Legally Parked			
		13		Illegally Parked/Unattended			
		88		Other (explain in narrative)			
		77		Not reported.			
		99		Unknown			
SeqEvents1	Sequence of Events 1st Event				Numeric: Integer	2	0
		1		Ran off road, right			
		2		Ran off road, straight			
		3		Ran off road, left			
		4		Crossed centerline/median			
		5		Animal or object in roadway			
		6		Evasive action (swerve, panic braking, etc.)			
		7		Downhill runaway			
		8		Cargo/equipment loss or shift			
		9		Equipment failure (tires, brakes, etc.)			
		10		Separation of units			
		11		Non-collision events: Overturn/rollover			
		12		Non-collision events: Jackknife			
		13		Non-collision events: Other non-collision (explain in narrative)			
		20		Collision with: Non-motorist (see non-motorist type)			
		21		Collision with: Vehicle in traffic			
		22		Collision with: Vehicle in/from other roadway			
		23		Collision with: Parked motor vehicle			
		24		Collision with: Railway vehicle/train			
		25		Collision with: Animal			
		26		Collision with: Other non-fixed object (explain in narrative)			
		30		Collision with fixed object: Bridge/bridge rail/overpass			
		31		Collision with fixed object: Underpass/structure support			
		32		Collision with fixed object: Culvert			
		33		Collision with fixed object: Ditch/embankment			
		34		Collision with fixed object: Curb/island/raised median			
		35		Collision with fixed object: Guardrail			
		36		Collision with fixed object: Concrete barrier (median or right side)			
		37		Collision with fixed object: Tree			
		38		Collision with fixed object: Poles (utility, light, etc.)			
		39		Collision with fixed object: Sign post			
		40		Collision with fixed object: Mailbox			
		41		Collision with fixed object: Impact attenuator			
		42		Collision with fixed object: Other fixed object (explain in narrative)			
		50		Miscellaneous events: Fire/explosion			
		51		Miscellaneous events: Immersion			
		52		Miscellaneous events: Hit and run			
		77		Not reported			
		99		Unknown			
SeqEvents2	Sequence of Events 2nd Event			See SeqEvents1 values.	Numeric: Integer	2	0
SeqEvents3	Sequence of Events 3rd Event			See SeqEvents1 values.	Numeric: Integer	2	0
SeqEvents4	Sequence of Events 4th Event			See SeqEvents1 values.	Numeric: Integer	2	0
MostHarm	Most Harmful Event			See SeqEvents1 values.	Numeric: Integer	2	0
SpeedLimit	Speed Limit				Numeric: Integer	2	0
		0		0 MPH			
		5		5 MPH			
		10		10 MPH			
		15		15 MPH			
		20		20 MPH			
		25		25 MPH			
		30		30 MPH			
		35		35 MPH			
		40		40 MPH			
		45		45 MPH			
		50		50 MPH			
		55		55 MPH			
		60		60 MPH			
		65		65 MPH			

Field	Label	Code	Value	Type	Length	Dec
TrafCont	Traffic Controls			Numeric: Integer	2	0
		1	No controls present			
		2	Traffic signals			
		3	Flashing traffic control signal			
		4	Stop signs			
		5	Yield signs			
		6	No Passing Zone (marked)			
		7	Warning sign			
		8	School zone signs			
		9	Railway crossing device			
		10	Traffic director			
		11	Workzone signs			
		77	Not reported.			
		88	Other control (explain in narrative)			
		99	Unknown			
FixObjStr	Fixed Object Struck (by vehicle)		Fixed object struck by vehicle (derived).	Numeric: Integer	2	0
		1	Collision with fixed object: Bridge/bridge rail/overpass			
		2	Collision with fixed object: Underpass/structure support			
		3	Collision with fixed object: Culvert			
		4	Collision with fixed object: Ditch/embankment			
		5	Collision with fixed object: Curb/island/raised median			
		6	Collision with fixed object: Guardrail			
		7	Collision with fixed object: Concrete barrier (median or right side)			
		8	Collision with fixed object: Tree			
		9	Collision with fixed object: Poles (utility, light, etc.)			
		10	Collision with fixed object: Sign post			
		11	Collision with fixed object: Mailbox			
		12	Collision with fixed object: Impact attenuator			
		13	Collision with fixed object: Other fixed object (explain in narrative)			
		14	None (no fixed object struck)			
InitImpact	Point of Initial Impact			Numeric: Integer	2	0
		1	Front			
		2	Passenger side - front			
		3	Passenger side - middle			
		4	Passenger side - rear			
		5	Rear			
		6	Driver side - rear			
		7	Driver side - middle			
		8	Driver side - front			
		9	Top			
		10	Under-Carriage			
		77	Not reported.			
		99	Unknown			
MostDamage	Most Damaged Area			Numeric: Integer	2	0
		1	Front			
		2	Passenger side - front			
		3	Passenger side - middle			
		4	Passenger side - rear			
		5	Rear			
		6	Driver side - rear			
		7	Driver side - middle			
		8	Driver side - front			
		9	Top			
		10	Under-Carriage			
		77	Not reported.			
		99	Unknown			
Damage	Extent of Damage			Numeric: Integer	2	0
		1	None			
		2	Minor damage			
		3	Functional damage			
		4	Disabling damage			
		5	Severe - vehicle totaled			
		9	Unknown			
		77	Not reported.			
UnderOver	Underride/Override			Numeric: Integer	2	0
		1	None			
		2	Underride - compartment intrusion			
		3	Underride - no compartment intrusion			
		4	Underride - compartment intrusion unknown			
		5	Override - moving vehicle			
		6	Override - parked/stationary vehicle			
		9	Unknown			
		77	Not reported.			
XCoord	X-Coordinate (UTM NAD 83 Zone 15)		Easting value for crash location in UTM NAD 83 Zone 15	Numeric: Decimal	11	4
YCoord	Y-Coordinate (UTM NAD 83 Zone 15)		Northing value for crash location in UTM NAD 83 Zone 15	Numeric: Decimal	12	4
CSeverity	Crash Severity			Numeric: Integer	1	0
		1	Fatal			
		2	Major Injury			
		3	Minor Injury			
		4	Possible/Unknown			
		5	Property Damage Only			